

AMENDMENTS PURSUANT TO 37 C.F.R. § 1.121 (b) and (c)
IN THE SPECIFICATION

Please substitute the following section for the section on page 5, starting on line 5 and ending at line 11:

B¹
A "pharmaceutically acceptable carrier" is an agent which is non-toxic, does not interfere with the therapeutic profile of Form II and is appropriate to the method of administration. Form II is preferably administered by the intravenous route over an appropriate period of time for cancer chemotherapy. Preferably, Form II is mixed with one or more pharmaceutically acceptable carriers. For example, Form II may be mixed with iso-osmotic and pH controlled liquids such as water, dextrose/water or saline/water for injection intravenously into the patient.

Please substitute the following section for the section on page 7, starting at line 17 and ending at line 26:

B²
To (-)-cis-2-(2-chlorophenyl)-5,7-dimethoxy-8-[4R-(3S-hydroxy-1-methyl)-piperidinyl]-4H-1-benzopyran-4-one, quinoline and pyridine hydrochloride are added. The resulting mixture is heated to 160-190°C while stirring. Stirring is continued while maintaining the temperature at 160-190°C for 2 hours. After cooling the reaction mixture to 90-110°C water is added. The resulting mixture is basified to pH 7.5-8.5 using saturated sodium carbonate solution, and extracted twice with a mixture of ethanol and chloroform. The combined extracts are evaporated to dryness to obtain (+)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one crude as a brown gum, which is purified as follows.

For the section on page 7, starting at line 28 and ending on page 8 at line 2:

B³
To (+)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one crude, acetone is added. The resulting mixture is stirred at 55-60°C for 30-60 minutes, then cooled to 15-20°C and stirred for another 1-2 hours. The precipitated solid is isolated by filtration, washed twice with acetone and dried under reduced pressure to give (+)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one in a purified form.

Please substitute the following section for the section on page 8, starting at line 4 and ending at line 10:

B4

The free base from the previous step is suspended in ethanol and acidified using concentrated hydrochloric acid at such a rate that the temperature does not exceed 30°C. During this process initially all of the solid dissolves and then the hydrochloride precipitates. The suspension is cooled to 0-10°C and stirred for 1 hour while maintaining the temperature. The crystals are isolated by filtration and washed with cold ethanol to yield (-)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one hydrochloride, crude.

Please substitute the following section for the section on page 8, starting at line 12 and ending at line 20:

B5-

To (-)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one hydrochloride, crude, ethanol is added. The resulting mixture is heated to 70-79°C, stirred for 1 hour while maintaining the temperature and then filtered while still hot. The filter cake is rinsed with hot ethanol. The filtrate is concentrated by atmospheric distillation, until about 50% to about 90% of the volatiles have been removed. The remaining suspension is then cooled to 0-10°C while isolated by filtration and dried under reduced pressure to give the ethanol solvate of (-)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one hydrochloride, purified as a yellow solid.

Please substitute the following "Abstract of the Invention" section for the "Abstract of Invention" section on page 12:

Abstract of the Invention

B6

An ethanol solvate form of (-)-cis-2-(2-chlorophenyl)-5,7-dihydroxy-8-[4R-(3S-hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one hydrochloride (Form II), a method of making Form II and a composition comprising Form II.